



City of Macon
Electric Generation and Emissions in 2011

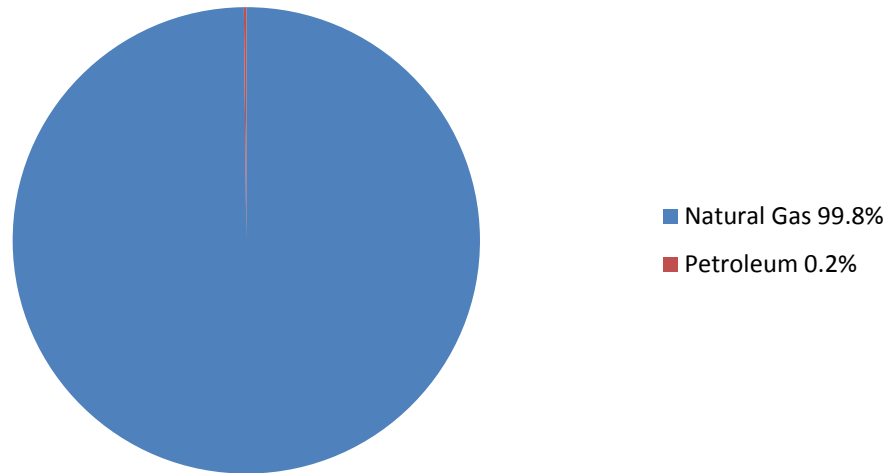
Generation Tables

	Fuel Consumption, MMBTUs	Percent of Total		Net Electric Power Generated, MWh	Percent of Total	
Non-renewable sources						
Coal						
Natural Gas	1,065,873	99.9%	99.9%	83,509	99.8%	99.8%
Petroleum	1,592	0.1%	0.1%	142	0.2%	0.2%
Nuclear						
Other						
Non-renewable total	1,067,465	100.0%	100.0%	83,651	100.0%	100.0%
Renewable sources						
Biomass						
Hydroelectric						
Landfill Gas						
Solar						
Waste Fuels						
Wind						
Wood						
Renewable total						
Grand total	1,067,465		100.0%	83,651		100.0%

Fuel Type	Physical Units	Number of Units
Natural Gas	MCf	968,975
Distillate Fuel Oil	Barrels	275



Net Generation by Fuel Type, 2011 for City of Macon





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Power Plant Nameplate information for City of Macon

Plant Name	County Location	Nameplate Capacity (MW)
<i>City of Macon</i>		<i>128.0</i>
Macon	Macon	44.8
Sub 2 Generating Station	Macon	14.4
Macon Energy Center	Macon	40.0
Sub 3 Generating Station	Macon	28.8



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Emissions from Electricity Generated in 2011: City of Macon

	CO2 Equivalent (TONS)	Carbon Dioxide (CO2) (TONS)	Methane (CH4) (TONS)	Nitrogen Dioxide (NO2) (TONS)
<i>City of Macon</i>	495,823	249,692	4,721	474
Macon	1,316	299	12	2
Macon Energy Center	493,561	249,178	4,700	470
Sub 2 Generating Station	369	84	3	1
Sub 3 Generating Station	577	131	5	1

	Sulfur Dioxide (SO2) (TONS)	Annual Nitrogen Oxide (NOx) (TONS)	Summer Nitrogen Oxide (NOx) (TONS)
<i>City of Macon</i>	0	0.0000	0.0000
Macon	0	0.0000	0.0000
Macon Energy Center	0	0.0000	0.0000
Sub 2 Generating Station	0	0.0000	0.0000
Sub 3 Generating Station	0	0.0000	0.0000



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Identified Flue Gas Desulfurization (FGD) controls installed on plants operated by City of Macon

Plant	Control Equipment	Sorbent Type
	No FGD Controls Installed	

Identified Flue Gas Particulate (FGP) controls installed on plants operated by City of Macon

Plant	Control Equipment
	No FGP Controls Installed

Notes:

Generation, emissions and pollution control data include power plants owned by the utility and located in Missouri.

Emissions data calculated by Missouri Department of Natural Resources, Division of Energy, from EIA Fuel Consumption Data

Fuel Consumption and Generation Data from United States Energy Information Administration, Form 923, United States Department of Energy
<http://www.eia.gov/electricity/data/eia923>

Pollution control data (FGD and FGP equipment) from United States Energy Information Administration, Form 860, United States Department of Energy
<http://www.eia.gov/electricity/data/eia860/index.html>

Emissions factors for fuel-based generation from United States Environmental Protection Agency "Emission Factors for Greenhouse Gas Inventories", November 7, 2011,
<http://www.epa.gov/climateleadership/documents/emission-factors.pdf>